

Chapter 3 Affected Environment, Environmental Consequences, and Avoidance, Minimization, and/or Mitigation Measures

Chapter 3.0 describes the existing affected environment for the areas affected by the MCP Build Alternatives. The affected environment is the base environmental condition on which environmental effects of the alternatives are evaluated in this Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS).

The sections in Section 3.0 include the regulatory setting applicable to the environmental topic, the methodology of impact analysis, a description of the affected environment, environmental effects resulting from the MCP Build and No Build Alternatives, and measures to avoid, minimize, or mitigate adverse impacts of the MCP Build Alternatives. Photographs, maps, graphic exhibits, and data matrices are included throughout Section 3.0 where applicable to support the impact analyses.

NEPA uses the terms impact, effect, and consequences synonymously. For an action to affect the environment, it must have a causal relationship with the environment. NEPA distinguishes three types of causal impacts: direct, indirect, and cumulative. Cumulative impact is defined and the contribution of the MCP Build Alternatives to cumulative effects is analyzed in Section 3.25 of this EIR/EIS. Direct and indirect effects are defined below and analyzed in Sections 3.1 through 3.24 of this Final EIR/EIS.

- Direct effects are caused by the action and occur at the same time and place (40 Code of Federal Regulations [CFR] 1508.8).
- Indirect effects are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include growth-inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems (40 CFR 1508.8).

As part of the scoping and environmental analysis conducted for the project, the following environmental resources were considered, but no potential for adverse impacts to these resources was identified. Consequently, there is no further discussion regarding these resources in this Final EIR/EIS:

- **Coastal Resources, Coastal Barriers, and Coastal Zone Impacts:** The project location is approximately 40 miles (mi) east of the Pacific Ocean and would, therefore, not have an effect on any coastal resources.
- **Fisheries:** There are no fisheries in the project vicinity.
- **Wild and Scenic Rivers:** There are no rivers listed in the National Inventory of Wild and Scenic Rivers located near the project vicinity.